## (19) World Intellectual Property Organization International Bureau



## 

(43) International Publication Date 26 May 2005 (26.05.2005)

PCT

## (10) International Publication Number WO 2005/046594 A2

(51) International Patent Classification7:

A61K

(21) International Application Number:

PCT/US2004/037084

(22) International Filing Date:

4 November 2004 (04.11.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/518,601

6 November 2003 (06.11.2003) U

(71) Applicant (for all designated States except US): CEL-GENE CORPORATION [US/US]; 7 Powder Hom Drive, Warren, NJ 07059 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): ZELDIS, Jerome, B. [US/US]; 157 Christopher Drive, Princeton, NJ 08540 (US).

(74) Agents: INSOGNA, Anthony, M. et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: METHODS OF USING AND COMPOSITIONS COMPRISING A JNK INHIBITOR FOR THE TREATMENT AND MANAGEMENT OF ASBESTOS-RELATED DISEASES AND DISORDERS

(57) Abstract: Methods for treating, preventing and/or managing an asbestos-related disease or disorder are disclosed. Specific embodiments encompass the administration of a JNK Inhibitor, or a pharmaceutically acceptable salt, solvate, hydrate, stereoisomer, clathrate, or prodrug thereof, alone or in combination with a second active agent and/or chemotherapy, surgery, or radiation therapy. Pharmaceutical compositions, single unit dosage forms, and kits suitable for use in the methods of the invention are also disclosed.

